

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/06272

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G11B19/20 G11B19/02 G11B33/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 10, 31 August 1999 (1999-08-31) & JP 11 126472 A (NEC HOME ELECTRON LTD), 11 May 1999 (1999-05-11) abstract	1
A	PATENT ABSTRACTS OF JAPAN vol. 0172, no. 55 (P-1539), 20 May 1993 (1993-05-20) & JP 4 372731 A (OLYMPUS OPTICAL CO LTD), 25 December 1992 (1992-12-25) abstract	
A	US 2002/101815 A1 (NGUYEN VU T) 1 August 2002 (2002-08-01)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*P\* document published prior to the International filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

7 April 2004

Date of mailing of the International search report

15/04/2004

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
JP 11126472	A	11-05-1999	NONE		
JP 4372731	A	25-12-1992	NONE		
US 2002101815	A1	01-08-2002	US	2001038602 A1	08-11-2001
			US	5793740 A	11-08-1998